



**GREENBLUM & BERNSTEIN, P.L.C.**  
**Intellectual Property Causes**  
**1941 Roland Clarke Place**  
**Reston, VA 20191**  
**(703) 716-1191**

Attorney Docket No. P22019

In re application of : Duck-Young KIM et al.

Serial No. : 10/080,543

Box Non-Fee  
Group Art Unit: 2877

Filed : February 25, 2002

Examiner: Unknown

For : APPARATUS FOR AND METHOD OF MEASURING THICKNESS OF MATERIALS  
USING THE FOCAL LENGTH OF A LENSED FIBERTHE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Sir:

Transmitted herewith is a Preliminary Amendment in the above-captioned application.

- Small Entity Status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a previously filed statement.  
 A verified statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.  
 An Information Disclosure Statement, PTO Form 1449, and references cited.  
 No additional fee is required.
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The fee has been calculated as shown below:

Claims After Amendment	No. Claims Previously Paid For	Present Extra	Small Entity		Other Than A Small Entity	
			Rate	Fee	Rate	Fee
Total Claims: 10	*20	0	x 9=	\$0.00	x 18=	\$
Indep. Claims: 2	**3	0	x 42=	\$0.00	x 84=	\$
Multiple Dependent Claims Presented			+140=	\$0.00	+280=	\$
Extension Fees for Month				\$0.00		\$
			Total:	\$0.00	Total:	\$

\*If less than 20, write 20

\*\*If less than 3, write 3

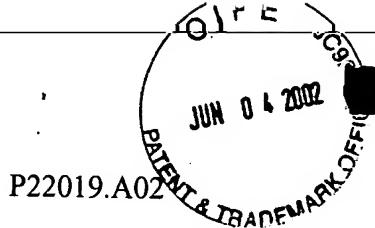
 Please charge my Deposit Account No. 19-0089 in the amount of \$\_\_\_\_\_. N/A A Check in the amount of \$\_\_\_\_\_ to cover the filing/extension fee is included. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0089. Any additional filing fees required under 37 C.F.R. 1.16. Any patent application processing fees under 37 C.F.R. 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136)(a)(3).

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Bruce H. Bernstein  
Reg. No. 29,027



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Duck - Young KIM et al.

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**PRELIMINARY AMENDMENT**

Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir :

Prior to an examination of the above-captioned application, the Examiner is respectfully requested to amend the claims, as follows:

**IN THE CLAIMS**

Please amend claims 1-3, 5, 8-10 as follows (a marked-up copy of the claim amendments is provided as an attachment to this Amendment):

1. (Clean Copy) An apparatus for measuring the thickness of a material using the focal length of a lensed fiber comprising:

*B1*      a piezo Electric Transducer (PZT) which moves vertically against the material to be measured;

*1'*      a lensed fiber which is attached to said PZT for emitting a Gaussian beam;